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## ABSTRACT OF THE DISCLOSURE

6      There is disclosed apparatus and methodology for enhancing computer system

7   data transfer when writing to network attached storage systems employing FC-2

8   fibrechannel protocol by dynamically reconfiguring a fibrechannel switch in response to

9   map/unmap command controls issued by a disk drive aggregator. The reconfiguration

10   involves fabrication of a dynamic map table having sets of fibrechannel FC-2 header

11   fields and their corresponding new or proxy destination IDs (which correspond to the

12   switch's output ports), and fabrication of both an input frame header buffer for temporary

13   storage purposes and a frame header field selector (which can be a frame header mask)

14   containing only relevant information. The input frame header is temporarily stored in the

15   buffer and the field selector is used to obtain a "distilled" input header which is compared

16   with the dynamic map table of stored header fields to obtain a match. If one of the sets of

17   header fields matches the distilled input header, its corresponding proxy destination or

18   source ID is substituted into the corresponding FC-2 input frame header's destination ID

19   field, whereby write command data transfers are accomplished between host computer

20   and a particular disk drive directly, avoiding the aggregator and latency otherwise

21   introduced by the aggregator. Similar disclosure is provided for read command data.